

Date: Mon, 28 Mar 94 09:00:34 PST
From: Info-Hams Mailing List and Newsgroup <info-hams@ucsd.edu>
Errors-To: Info-Hams-Errors@UCSD.Edu
Reply-To: Info-Hams@UCSD.Edu
Precedence: Bulk
Subject: Info-Hams Digest V94 #336
To: Info-Hams

Info-Hams Digest Mon, 28 Mar 94 Volume 94 : Issue 336

Today's Topics:

(none)
**Sudbury Amateur Radio PHONE BBS (NEW)
10M indoor problem.
Amateur Radio Newsline #867 25 Mar 94
DAYTON
Hole in car roof: Affect vehicle value?
query about paging systems
Question on Kenwood 732 A
RB319 Calling In Outsiders
What's a good 2m/440 mobile?

Send Replies or notes for publication to: <Info-Hams@UCSD.Edu>
Send subscription requests to: <Info-Hams-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Info-Hams Digest are available
(by FTP only) from UCSD.Edu in directory "mailarchives/info-hams".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: 28 Mar 94 15:45:57 GMT
From: news-mail-gateway@ucsd.edu
Subject: (none)
To: info-hams@ucsd.edu

subscribe Jay R McVeigh

Date: 28 Mar 94 15:51:49 GMT
From: dog.ee.lbl.gov!agate!howland.reston.ans.net!torn!penage.cs.laurentian.ca!
not-for-mail@ucbvax.berkeley.edu
Subject: **Sudbury Amateur Radio PHONE BBS (NEW)

To: info-hams@ucsd.edu

Warmest Greetings All,

For your information and all thoes on fidonet, the Sudbury Amateur radio phoneline BBS is now operational. This phoneline BBS is on fidonet (1:224/50) The phone number is (705) 522-8381. The sysop is Mark Lehto VE3 LSP. Please if you have the opportunity check out this BBS. Mark has big plans for this BBS but first we need to expand our client base.

It is the hope of Mark that this BBS could be used by the Club here in Sudbury, Ontario, Canada. If you know of any other BBS that is Club owned or sponsered please email me with information about the Club BBS.

Thank you for your time.

73's de Guy VE3 XGQ

Date: 28 Mar 94 15:33:06 GMT
From: news-mail-gateway@ucsd.edu
Subject: 10M indoor problem.
To: info-hams@ucsd.edu

Text item: Text_1

>I am curious if the chicken wire is acting as an attenuator.
>Louis A. Destree

Hi Louis, of course, the chicken wire is forming a sort of Faraday shield for your RF energy. Put your 1/2 wave center-fed antenna outside at least 20 ft high and horizontal if at all possible. You are probably more likely to generate TVI with an indoor antenna than with an outdoor one... use a low-pass filter if you have TVI problems.

73, Cecil, kg7bk@indirect.com (I do not speak for Intel on Internet)

Date: Sun, 27 Mar 1994 15:14:11 MST
From: tribune.usask.ca!kakwa.ucs.ualberta.ca!quartz.ucs.ualberta.ca!alberta!ve6mgs!usenet@decwrl.dec.com
Subject: Amateur Radio Newsline #867 25 Mar 94
To: info-hams@ucsd.edu

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If you have any comment, suggestion, or news item you would like to submit, send them via E-Mail to 3241437@mcimail.com or B.PASTERNAK@genie.geis.com. You can contact Newsline at +1 805-296-7180. It is a combination answering and FAX machine, if you have a FAX to send, wait for the voice prompt and press your fax-send button.

All other information and disclaimers are in the text header below.

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NEWSLINE RADIO - CBBS EDITION #117 - POSTED 03/26/94

The following is late news about Amateur Radio for Radio Amateurs as prepared from NEWSLINE RADIO scripts by the staff of the AMATEUR RADIO NEWSLINE, INC. -- formerly the WESTLINK RADIO NETWORK. The electronic version of newsline is posted on this CBBS twice monthly. For current information updates, please call

Los Angeles.....	(213) 462-0008
Los Angeles (Instant Update Line).....	(805) 296-2407
Seattle.....	(206) 368-3969
Seattle.....	(206) 281-8455
Tacoma.....	(206) 927-7373
Louisville.....	(502) 894-8559
Dayton.....	(513) 275-9991
Chicago.....	(708) 289-0423
New York City.....	(718) 353-2801
Melbourne, FL.....	(407) 259-4479

For the latest breaking info call the Instant Update Line listed above. To provide information please call (805) 296-7180. This line answers automatically and will accept up to 30 minutes of material.

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For further information about the AMATEUR RADIO NEWSLINE, please write to us with an SASE at P.O. Box 463, Pasadena, CA 91102.

Thank You
NEWSLINE

Some of the hams of NEWSLINE RADIO...

WA6ITF WB6MQV WB6FDF K6DUE W6RCL N6AHU N6AWE N6TCQ K6PGX N6PNY
KU8R N8DTN W9JUV KC9RP K9XI KB5KCH KC5UD KC0HF G8AUU WD0AKO DJ0QN
and many others in the United States and around the globe!!!

[867]

The following is a QST

The FCC names a well known ham to head up its new task force on personal communications services and a missing young ham has returned home.

HALLER TO HEAD PCS TASK FORCE

One of the nations best known and most respected ham radio operators has been selected to guide all personal communications into the next century and beyond. This, with the naming of FCC Private Radio Bureau Chief Ralph Haller, N4RH to head the newly created Commission task force on personal communications services, better known as the PCS.

The Commission says that the task force will provide a focal point for all of the PCS issues currently before it and those yet to surface. The group will would work with all of the FCC's bureaus and offices that are involved in PCS issues. It will also be responsible for assuring consistency between policies and rules for narrow-band and wide-band PCS services.

FCC Chairman Reed Hundt says that he choose Ralph Haller to head up the task force because he is confident that under his leadership the group will guide the Commission in the timely development of a comprehensive regulatory framework for the PCS. Other members of the task force include FCC Chief Engineer Tom Stanley, Robert Pepper who is Chief of the Office of Plans and Policy, Donald Gips the Deputy Chief of Office of Plans and Policy and FCC Chief Economist Michael Katz.

CLINTON NAMES CHONG TO FCC

President Clinton has selected San Francisco telecommunications lawyer Rachelle B. Chong to fill one of two

vacancies at the Federal Communications Commission. Chong, a 34 year old Republican, would become the FCC's first-ever Asian-American commissioner if confirmed by the Senate. She would replace Sherrie Marshall, whose seat at the FCC has been open for nearly a year. Chong's term would last through mid-1997.

President Clinton also intends to nominate Susan Ness, another communications lawyer as a Commissioner. Ness has worked as a senior lender and as group head in the communications industries division of American Security Bank in Washington. During the mid-1970s, she was assistant counsel to the House Banking Committee. She holds a law degree from Boston College Law School and a master's degree in business administration from the Wharton School.

FCC RFI SURVEY

The FCC has released the results of a just completed telephone interference survey and it says that going QRP makes little difference in telephone related RFI.

Thirty-five FCC field offices each picked three random cases of telephone interference on record and then visited the scene. The transmitting stations included 47 Citizens Band; 27 Amateur; 23 AM broadcast; 10 FM broadcast; and one international broadcast station.

At the location experiencing interference, the FCC's Field Operations Bureau personnel would first test the telephones on site, and then test their own RFI immune telephones, as well as several commercially available filters. In all, some 241 different telephones were tested.

Among the FCC's conclusions was that transmitter power did not seem to be a significant factor. In fact, transmitters that ran 10 watts or less caused significant telephone interference in one-third of the cases. The FCC also said that add-on filters provided a cure to the interference problem in only one-third of the incidents investigated.

The study did however conclude that manufacturers can design telephones. The FCC says that it hopes the survey will encourage affected parties to productively address and resolve this problem, but stopped short of ordering the manufacturing community to produce only RFI immune telephones.

SPECTRUM AUCTION

The Federal Communications Commission has taken a first step toward setting the ground rules under which businesses can bid for certain chunks of the airways. On March 8th, the FCC adopted set of so called generic rules for auctioning radio frequencies

for a variety of new services, including the next generation of mobile telephone service called personal communications service.

The rules will allow several auctions to be conducted at the same time, require \$2,500 as a minimum up-front payment for parties to participate in the auction, set deadlines for payments on winning bid and also set aside a portion of the frequencies to be bid on by individuals or groups composed primarily of women, minorities, rural telephone companies and small businesses. Companies obtaining personal communications services licenses will be able to offer consumers the next generation of mobile phone service, in which the number travels with the phone's owner.

The FCC says that it is exploring various options to submit bids. This includes electronic filing as well as oral and paper bids. A more detailed set of rules for specific services will be decided later. There are no plans now toward any reallocation by auction of the spectrum used by radio amateurs or other communications hobbyists.

WZ1W FOUND

A missing Massachusetts teenager, whose been the object of a nationwide search involving amateur radio, has been found. Nathan A. Taylor, WZ1W, who disappeared in August, was found March 8th in southeast Texas. That's where according to a friend of Taylor's family Nathan was taken into custody by federal authorities.

After nearly seven months, fourteen year old Nathan A. Taylor, is back in his home state of Massachusetts. Paul Topolski, N1IPG, is a friend of the Taylor family.

"He has trouble socializing with his peers and consequently he really didn't want to go back to school." Paul Topolski, N1IPG.

Nathan became heavily involved with computers. That according to Topolski triggered Nathan's actions.

"There's quite an underground network of computer operators on the bulletin boards and so forth. He got involved with the wrong group and consequently enticed into leaving home." Paul Topolski, N1IPG.

Nathan disappearance lead to fears that he was in the company of a man who has a known criminal record. That suggestion was raised after police viewed files on Nathan's computer system. For Nathan's parents in Gardner, Massachusetts the next several months would be filled with anxiety.

"All I know is what his parents have told me about a bus trip from Gardner through Memphis and then that was the last time anybody had seen him. The bus driver in Memphis remembered seeing him and then that was it, he appeared to jump off the bus at that time. He turned up in Houston, Texas and one evening his parents called me and consequently informed me that he had been arrested by the FBI. He is now back in the Gardner area." Paul Topolski, N1IPG.

Topolski says Nathan still has problems to work out.

"He seems to have calmed down quite a bit too." Paul Topolski, N1IPG.

The last several months have been extremely hard from Nathan Taylors family members. Now they can rest easier as well.

Nathan's close ties to ham radio led to a nationwide plea on amateur radio packet systems. Topolski contacted ARRL Section Managers in Texas and Tennessee for assistance. He sent flyers to amateur radio clubs as the part of the effort to locate Nathan.

HI SEAS RESCUE

Two men rescued from a sinking boat in the Gulf of Mexico credit Amateur Radio for saving their lives. Larry Hooker, KB5ZNY, of Thaxton, Mississippi, and his sailing partner, Rett White, were returning from Honduras on Hooker's 35 foot sailing vessel "Off The Hook," when they ran into an unexpected storm and high seas.

Hooker had been in contact with his friend Randall O'Brian, KD5ZH, of West Point, Mississippi, since hoisting anchor on February 6th. The two were keeping regular schedules on 80, 40, and 20 Meters and O'Brian was the first to learn of their difficulties and eventually contacted the US Coast Guard. O'Brian continued to help provide communication, along with the Coast Guard, who came up on 3.862 MHz.

On March 4th, Hooker and White were taken aboard the Coast Guard cutter Cushing. Their boat was put under tow but subsequently sank.

Hooker had visited his daughter, Tina, KB5YNN, a missionary with Global Outreach in the northeastern part of Honduras. This is an area accessible only by air or sea.

AMSAT NET ON GALAXY 3

Satellite users may be interested in an experiment being conducted in the Houston, Texas area. The group there is

uplinking the Houston Area Amsat Net, heard locally on the 147.10 FM repeater, to the Galaxy 3, communications satellite Channel 17, on the 5.8 Mhz audio subcarrier of the Shop-At-Home Channel. The net is carried in realtime on Tuesday evening, from approximately 10 PM Central Standard Time until completion. This is an experiment but could be continued on a regular basis if interest is sufficient. Send reception reports to Craig Davidson, WD5BDX by packet or direct to his callbook address.

DELPHI

Delphi, a national bbs-type information service and Internet gateway has announced the opening of a special interest group dedicated to radio users in general, and Ham Radio operators in particular. During years past, Ham Radio was supported as a sub-topic on Delphi as part of the Delphi Hobby SIG. Through the efforts of Marty Goodman, KC6YKC and Andy Eddy, WB1FEV Amateur Radio has at last been given a separate special interest group of its own on Delphi.

During its first week of operation beginning March 2nd, this SIG has been able to offer a library of over 300 groups of files for downloading and an active forum. Also in the first week about 30 messages posted every day, with over 300 Delphi members visiting this forum. Those interested in this new SIG should contact Delphi services for more information.

1994 INTERNATIONAL DX CONVENTION

In DX, word that the 1994 International DX Convention is being held at the Holiday Inn, Plaza Park, Visalia, CA, April 15th to the 17th. Friday and Saturday night will see hosted cocktail parties plus a Sunday DX Breakfast and Saturday Night Banquet featuring the 3Y story. The address for information and registration is Don Bostrom, N6IC, at 4447 Atoll Ave., Sherman Oaks, California 91423.

ROBERTS TO SPEAK ARRL SW DIVISION CONVENTION

The man who has developed several high tech motorcycles will be the banquet speaker at the 1994 ARRL Southwestern Division Convention scheduled for later this year. Newsline recently got a call from Division Director Fried Heyn, WA6WZO who told us that its going to be a special night with inventor Steve Roberts N4RVE. Roberts is best known for his development of Behemoth a super high tech motorcycle with on-board computers and ham radio gear. Roberts will not only be speaking at the banquet. He also has promised to bring along one of his super bikes for everyone to see. The 1994 ARRL Southwestern Division Convention is

slated for August 26th through the 28th in San Diego. The grand banquet will take place Saturday night August 27th with film maker Dave Bell, W6AQ as master of ceremonies.

DAYTON AWARDS FOLLOW-UP

The 1994 Dayton Hamventions Special Achievement Award goes to Russ Kroeker, N7HGE of Kent, Washington for his efforts in implementing the Evergreen Intertie repeater network in the northwest U.S. and British Columbia. Mr. Kroeker was honored, but also credited many others.

"It is a great honor and I think that the amateur radio society will be really delighted to hear that the time that they spent investing in it, a lot of members have invested their money to help put the equipment in, and a lot of their time Larry Babcock, WB7USL put a lot of time in, Mark La Combe, KF7II. These guys really, I think will be really happy to hear that the work they put in is getting recognized, in a national way, and it is a great honor for all of us. We just thank the lord that you folks did choose us." Russ Kroeker, N7HGE.

Mr. Kroeker will receive his award at the Hamvention Banquet at the Dayton Convention Center located in downtown Dayton, Ohio Saturday evening April 30th.

More on the upcoming 1994 Dayton Hamvention next week.

For this week, that's all from the Amateur Radio Newsline. You can write to us at P.O. Box 463, Pasadena, CA 91102.

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Date: 28 Mar 94 15:49:44 GMT
From: sdd.hp.com!nigel.msen.com!garnet.msen.com!not-for-mail@hplabs.hp.com
Subject: DAYTON
To: info-hams@ucsd.edu

I did something stupid, and let someone else try to get our flea market spots this year. What a mistake! Does anyone have an extra spot?????????? PLEASE??

email please (vev@msen.com)

Vince Vielhaber KA8CSH Email: vev@msen.com Flame mail: /dev/null
include <std/disclaimer.h>

Expect everything, then nothing can surprize you!

Date: Mon, 28 Mar 1994 16:24:07 GMT

From: ihnp4.ucsd.edu!dog.ee.lbl.gov!agate!howland.reston.ans.net!math.ohio-state.edu!darwin.sura.net!rsg1.er.usgs.gov!dgg.cr.usgs.gov!bodoh@network.ucsd.edu
Subject: Hole in car roof: Affect vehicle value?
To: info-hams@ucsd.edu

In article <2n079g\$pl1@usenet.rpi.edu>, abelson@operators.its.rpi.edu (Mike Abelson) writes:

|> I am considering installing a new antenna in my vehicle and roof-mounting it.

|>

|> Of course, I'll need to make a hole in the roof, so the other day when at my local dealership I asked them what affect that might have on the vehicles value at trade-in/selling time. Their response was that it would lessen the value of the vehicle by \$50|> 0-\$600.

|>

|> This seems a bit steep for one hole in the roof (whether it's plugged or the antenna gets ultimately sold along with the vehicle).

|>

|> Is this estimate anywhere near accurate? What kind of depreciation (if any) should one really expect when selling/buying a used vehicle which has had a roof-mounted object?

|>

|> mla

Just plug the hole with a \$30 cellular antenna prior to selling - and charge THEM extra for this feature!!!!!!

--

++++
+ Tom Bodoh - Sr. systems software engineer, Hughes STX, N0YGT +
+ USGS/EROS Data Center, Sioux Falls, SD, USA 57198 (605) 594-6830 +
+ Internet; bodoh@dgg.cr.usgs.gov (152.61.192.66) +
+ "Welcome back my friends to the show that never ends!" EL&P +
++++

Date: 24 Mar 94 01:17:39 GMT

From: news-mail-gateway@ucsd.edu
Subject: query about paging systems
To: info-hams@ucsd.edu

>I'm taking a Communications Engineering course for which I need to do a

>short term paper. I was thinking about doing one on the technical
>challenges that were faced when implementing the radio-pager systems that
>are in place today. Can anyone suggest where I could obtain such
>information. Does such technical information only exist within the confines
>of Motorola? I'm an image processing person, so I'm not up on the
>communications journals.

>
>Any help would be appreciated.

>
>
>Regards and 73,
>Neil
>

I can think of several sources. First, Motorola and NEC are two major
manufactures of pagers (ex. Motorola Bravo and Advisor, and NEC
FactsPROVIDER). Second, if you have USENET news, check out comp.dcom.telecom.
Third, the TELECOM forum on CompuServe has been quite useful. Fourth, you
might check with one of the paging companies themselves such as SkyTel and
PageNet. I have a SkyTel pager and their customer service number is
1-800-SKY-USER. You might call them for more information. This number won't
actually be able to tell you anything but they have a technical center in
Jackson, Mississippi and I am sure the folks at SKY-USER can give you the
number. Finally, Signetics manufactures an IC called the PCF5001T Pocsag
Decoder IC. Pocsag is one of the paging protocols used. Try calling Signetics
or their local rep for information on it. I understand the reference
sheet is quite informative. I have been meaning to get one myself!

73,
Robert, N2JTX

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*****
* Robert G. Schaffrath, N2JTX      * Internet:   rgs%wpmax2%gfmida@uunet.uu.net *
* Systems Engineer                * CompuServe: 76330,1057             *
* Maxwell House Coffee Company    * Phone:      914-335-2777             *
* Kraft General Foods Corp.        * Slogan:     "ervice is ur mott"      *
*****
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Date: 28 Mar 1994 09:12:54 GMT
From: agate!howland.reston.ans.net!vixen.cso.uiuc.edu!newsrelay.iastate.edu!
news.iastate.edu!bwehr@ames.arpa
Subject: Question on Kenwood 732 A
To: info-hams@ucsd.edu

Was wondering if anyone out there in radio land has had any experience with
the Kenwood TM-732A its a mobil dual band and looks like a real nice piece. So

If you own one or know someone that does let me know what you think of it.
Thanks.

-Brant

Brant Wehr NOUTT
internet bwehr@iastate.edu
Activities Director CARC
Electrical Engineering

--

Brant
bwehr@iastate.edu

Date: 28 Mar 94 15:41:43 GMT
From: news-mail-gateway@ucsd.edu
Subject: RB319 Calling In Outsiders
To: info-hams@ucsd.edu

Bid: \$RACESBUL.319
Subject: RB319 Calling In Outsiders

TO: ALL EMERGENCY MANAGEMENT AGENCIES VIA AMATEUR RADIO
INFO: ALL COMMUNICATIONS VOLUNTEERS IN GOVERNMENT SERVICE
INFO: ALL AMATEURS U.S (@USA: INFORMATION), CAP, MARS
FROM: CA GOVERNORS OFFICE OF EMERGENCY SERVICES
(W6SIG@WA6NWE.CA) Ph: 916-262-1600
2800 Meadowview Rd., Sacramento, CA 95832
Landline BBS Open to All: 916-262-1657
RACESBUL.319 RELEASE DATE: March 28, 1994
SUBJECT: MGT - Calling in outsiders

During an incident there are times that it is necessary for a jurisdiction to request additional help from "outside". In California this involves mutual aid whereby local authorities turn to an "outside resource" (outside of their jurisdiction) to augment their own forces (or where none exists) to accomplish their mission. Either way (i.e., augment or provide) the so-called "outside" mutual aid people are ALWAYS under control of the REQUESTING government. The structure by which that functions is part of the Incident Command System.

In communications involving responding FCC Amateur licensees this aspect has at times been misunderstood by those not familiar with how mutual aid works in fire and law. Those "outside" resources NEVER come in to "take over". Mutual aid does NOT belittle the locals, but augments them with professionals trained in mutual aid response from other jurisdictions.

It is inconceivable that any jurisdiction would ever call in distant professionals to spite the locals, as we once heard it expressed by an exasperated amateur. It just ISN'T done for a number of very good reasons.

Just because there are local FCC licensed Amateurs doesn't necessarily mean a government will call upon them in an emergency if they haven't been active, trained in and familiar with a RACES or similar communications reserve program.

It is professionalism, whether paid or unpaid. No professional ever responds in mutual aid to do anything other than to support the local needs. That is the true mark of a professional (paid or unpaid), whether law, fire or communications.

Any communications responder who is such an amateur that he/she can't discern the difference between amateurish activity and professional activity shouldn't be responding no matter how well intended. Instead, that person needs to take training and familiarization programs to help understand the mutual aid process.

An ACS/RACES response from a city, county, or State OES in support of another government is due to a request from that government. To respond without a verified official request is the height of amateurish activity, and can have severe consequences except in the most unusual of instances.
EOM.

RACES Bulletins are archived on the Internet at ucsd.edu in hamradio/races or in hamradio/packet/tcpip/incoming and can be retrieved using FTP.

Date: 28 Mar 94 16:08:09 GMT
From: news-mail-gateway@ucsd.edu
Subject: What's a good 2m/440 mobile?
To: info-hams@ucsd.edu

It's time to buy a 2m/440 mobile rig, before the IRS refund is noted by the family checkbook inspector. I'm particularly interested in monitoring the 160 MHz and the 460 MHz ranges, as well as use the regular ham bands. (No, I'm not going to transmit - flamethrowers off, please). What units seem to be particularly well-qualified for out-of-band reception as well as having good ham-band performance?

What antennas are good for such machines -- without an appearance that would overly embarrass the spouse?

Paul Marsh N0ZAU Omaha pmarsh@metro.mccneb.edu

End of Info-Hams Digest V94 #336

